

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	galea-christian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:08
L2	548	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:03
L3	8	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) same strip\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:57
L4	4	benzyl adj1 acetate same (methoxypropyl adj1 acetate) same diacetone adj1 alcohol and strip\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:58
L5	5	benzyl adj1 acetate same (methoxypropyl adj1 acetate) same diacetone adj1 alcohol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:59
L6	49	benzyl adj1 acetate same (methoxyadj1 propyl adj1 acetate) same diacetone adj1 alcohol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:59
L7	0	benzyl adj1 acetate same (methoxy adj1 propyl adj1 acetate) same diacetone adj1 alcohol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 15:59
L8	2	"510"/\$ccls. and benzyl adj1 acetate and (methoxypropyl adj1 acetate) and diacetone adj1 alcohol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:00
L9	16	benzyl adj1 acetate and (methoxypropyl adj1 acetate) and diacetone adj1 alcohol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:00
L10	444	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diethylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:14

EAST Search History

L11	17	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diemthylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide) and stripping	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:05
L12	6	"510"/\$.ccls. and benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diemthylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:13
L13	9	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diemthylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide) and (diethanolamine or diethylenetriamine or dimethylethanolamine or quaternary adj1 amine) and (dibasic adj1 ester or glutarate or succinate or adipate) and (filler or phosphite or carbonate or hydroxide or clay or bentonite or talc) and (glucoside or polyglucoside or glycoside or polyglycoside or phosphoric adj1 ester) and cellulose\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:23
L14	62	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diemthylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide) and (diethanolamine or diethylenetriamine or dimethylethanolamine or quaternary adj1 amine) and (dibasic adj1 ester or glutarate or succinate or adipate) and (filler or phosphite or carbonate or hydroxide or clay or bentonite or talc)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:25

EAST Search History

L15	7	benzyl adj1 acetate same (methoxypropyl adj1 acetate or diacetone adj1 alcohol or methyl adj1 ethyl adj1 ketone or isophorone) and (dimethylsulfoxide or dimethyl adj1 sulfoxide or dimethylsulphoxide or dimethyl adj1 sulphoxide or dmso or methylpyrrolidone or diemthylformamide or acetonitrile or methylmorpholine or butyrolactone or dimethylacetamide) and (diethanolamine or diethylenetriamine or dimethylethanolamine or quaternary adj1 amine) and (dibasic adj1 ester or glutarate or succinate or adipate) and (filler or phosphite or carbonate or hydroxide or clay or bentonite or talc) and stripping	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/24 16:26
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STN

10/815, 836

=> d his

(FILE 'HOME' ENTERED AT 16:29:32 ON 24 JUN 2006)

FILE 'REGISTRY' ENTERED AT 16:30:06 ON 24 JUN 2006
E BENZYL ACETATE/CN

L1 1 S E3
E DIACETONE ALCOHOL/CN
L2 1 S E3
E METHOXYPROPYL ACETATE/CN
L3 1 S E3

FILE 'CA' ENTERED AT 16:33:29 ON 24 JUN 2006
S 140-11-4/REG#

FILE 'REGISTRY' ENTERED AT 16:33:37 ON 24 JUN 2006
L4 1 S 140-11-4/RN

FILE 'CA' ENTERED AT 16:33:37 ON 24 JUN 2006
L5 2766 S L4
S 123-42-2/REG#

FILE 'REGISTRY' ENTERED AT 16:33:45 ON 24 JUN 2006
L6 1 S 123-42-2/RN

FILE 'CA' ENTERED AT 16:33:45 ON 24 JUN 2006
L7 2455 S L6
S 84540-57-8/REG#

FILE 'REGISTRY' ENTERED AT 16:34:08 ON 24 JUN 2006
L8 1 S 84540-57-8/RN

FILE 'CA' ENTERED AT 16:34:08 ON 24 JUN 2006
L9 1492 S L8
L10 4 S L5 AND L7 AND L9
L11 39 S L5 AND L7
L12 8 S L5 AND L9

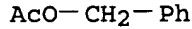
FILE 'USPATFULL' ENTERED AT 16:45:11 ON 24 JUN 2006
L13 2 S L10
L14 6 S L11
L15 547 S L9
L16 2 S L12

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> s e3
L1      1 "BENZYL ACETATE"/CN

=> d 1 11

L1      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN      140-11-4  REGISTRY
ED      Entered STN: 16 Nov 1984
CN      Acetic acid, phenylmethyl ester (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN      Acetic acid, benzyl ester (6CI, 8CI)
CN      Benzyl alcohol, acetate (6CI)
OTHER NAMES:
CN      (Acetoxyethyl)benzene
CN       $\alpha$ -Acetoxytoluene
CN      Benzyl acetate
CN      Benzyl ethanoate
CN      NSC 4550
CN      Phenylmethyl acetate
FS      3D CONCORD
MF      C9 H10 O2
CI      COM
LC      STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA,
        CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,
        CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2,
        ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
        MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, SPECINFO,
        SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
        (*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
        (**Enter CHEMLIST File for up-to-date regulatory information)
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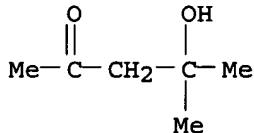
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2766 REFERENCES IN FILE CA (1907 TO DATE)
25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2775 REFERENCES IN FILE CAPLUS (1907 TO DATE)
100 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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=> s e3
L2 1 "DIACETONE ALCOHOL"/CN
=> d 1 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 123-42-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Pentanone, 4-hydroxy-4-methyl- (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-Hydroxy-2-methyl-4-pentanone
CN 2-Methyl-2-pentanol-4-one
CN 2-Methyl-4-oxo-2-pentanol
CN 4-Hydroxy-2-keto-4-methylpentane
CN 4-Hydroxy-4-methyl-2-oxopentane
CN 4-Hydroxy-4-methyl-2-pentanone
CN 4-Methyl-4-hydroxy-2-pentanone
CN Acetonyldimethylcarbinol
CN Diacetone alcohol
CN Diketone alcohol
CN NSC 9005
CN Pyranton A
CN Tyranton
FS 3D CONCORD
MF C6 H12 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD,
CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN,
CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*,
MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2,
USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2455 REFERENCES IN FILE CA (1907 TO DATE)
39 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2460 REFERENCES IN FILE CAPLUS (1907 TO DATE)
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

=> s e3
L3 1 "METHOXYPROPYL ACETATE"/CN

=> d 1 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 84540-57-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanol, 1(or 2)-methoxy-, acetate (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propanol, methoxy-, acetate
OTHER NAMES:
CN 1,2-Propanediol monoacetate monomethyl ether
CN Arcosolv PMA
CN Bawanol PMA
CN Dowanol PMA
CN Dowanol PMA-C
CN Isopropylene glycol monomethyl ether acetate
CN Lunazard
CN Methoxypropanol acetate
CN Methoxypropyl acetate
CN Nano XP
CN PGMAC
CN PGMEA
CN PM Acetate
CN Propylene glycol methyl ether acetate
CN Propylene glycol monomethyl ether acetate
DR 847935-22-2, 128234-94-6, 122200-84-4, 121077-41-6, 132759-79-6,
93838-74-5, 112708-24-4, 112815-79-9, 89024-54-4, 109975-14-6, 110656-52-5
MF C6 H12 O3
CI IDS, COM
SR European Union (EU)
LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
CHEMSAFE, CIN, CSCHEM, CSNB, MSDS-OHS, PIRA, PROMT, TOXCENTER, USPAT2,
USPATFULL
Other Sources: DSL**, EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

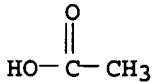
CM 1

CRN 67-56-1
CMF C H4 O

H₃C—OH

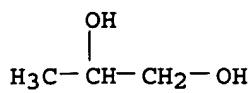
CM 2

CRN 64-19-7
CMF C2 H4 O2



CM 3

CRN 57-55-6
CMF C3 H8 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1492 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1499 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> d 1-4 110 ti

L10 ANSWER 1 OF 4 CA COPYRIGHT 2006 ACS on STN
TI Stripping composition and uses

L10 ANSWER 2 OF 4 CA COPYRIGHT 2006 ACS on STN
TI Aerosol-sprayable cleaning compositions and cleaning of inks, pastes,
fluxes, oils, and adhesives by the use of them

L10 ANSWER 3 OF 4 CA COPYRIGHT 2006 ACS on STN
TI Nonpolluting, nontoxic cleaning compositions for inks and pastes

L10 ANSWER 4 OF 4 CA COPYRIGHT 2006 ACS on STN
TI Separation of 1,1,1-trichloroethane from the lower alcohols by extractive
distillation

=>

L10 ANSWER 1 OF 4 CA COPYRIGHT 2006 ACS on STN
AN 141:316295 CA
TI Stripping composition and uses
IN Galea, Christian
PA L'industrielle De Chimie Elaboree Francaise Licef S.A., Fr.
SO Eur. Pat. Appl., 7 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1464682	A1	20041006	EP 2004-356044	20040401
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	FR 2853322	A1	20041008	FR 2003-4217	20030404
	FR 2853322	B1	20050902		
	US 2004266636	A1	20041230	US 2004-815836	20040402
	JP 2004307865	A2	20041104	JP 2004-111272	20040405
PRAI	FR 2003-4217	A	20030404		

L10 ANSWER 2 OF 4 CA COPYRIGHT 2006 ACS on STN
AN 130:83241 CA
TI Aerosol-sprayable cleaning compositions and cleaning of inks, pastes,
fluxes, oils, and adhesives by the use of them
IN Sugama, Naoki; Endo, Kenji; Shimizu, Shigeru; Saito, Yoshiaki; Takayanagi,
Yasuyuki
PA Nitto Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10330795	A2	19981215	JP 1997-159296	19970603
PRAI	JP 1997-159296		19970603		
OS	MARPAT 130:83241				

L10 ANSWER 3 OF 4 CA COPYRIGHT 2006 ACS on STN
AN 127:207323 CA
TI Nonpolluting, nontoxic cleaning compositions for inks and pastes
IN Sugama, Naoki; Endo, Masashi; Takayanagi, Yasuyuki
PA Nitto Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09194888	A2	19970729	JP 1996-304149	19961031
	JP 2005120389	A2	20050512	JP 2005-26221	20050202
PRAI	JP 1995-318476	A	19951114		
	JP 1996-304149	A3	19961031		
OS	MARPAT 127:207323				

L10 ANSWER 4 OF 4 CA COPYRIGHT 2006 ACS on STN
AN 119:119972 CA
TI Separation of 1,1,1-trichloroethane from the lower alcohols by extractive
distillation
IN Berg, Lloyd; Yang, Zuyin
PA USA

SO U.S., 10 pp.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5196094	A	19930323	US 1991-789286	19911108
PRAI US 1991-789286		19911108		

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L10 ANSWER 2 OF 4 CA COPYRIGHT 2006 ACS on STN
 AN 130:83241 CA
 ED Entered STN: 06 Feb 1999
 TI Aerosol-sprayable cleaning compositions and cleaning of inks, pastes,
 fluxes, oils, and adhesives by the use of them
 IN Sugama, Naoki; Endo, Kenji; Shimizu, Shigeru; Saito, Yoshiaki; Takayanagi,
 Yasuyuki
 PA Nitto Chemical Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C11D007-50
 ICS C09D009-00; C09J005-00; C09K003-30; C11D017-08; H05K003-26;
 C11D007-50; C11D007-26; C11D007-32; C11D007-24
 CC 46-6 (Surface Active Agents and Detergents)
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 10330795	A2	19981215	JP 1997-159296	19970603
PRAI JP 1997-159296		19970603		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 10330795	ICM	C11D007-50
	ICS	C09D009-00; C09J005-00; C09K003-30; C11D017-08; H05K003-26; C11D007-50; C11D007-26; C11D007-32; C11D007-24
	IPCI	C11D0007-50 [ICM,6]; C09D0009-00 [ICS,6]; C09J0005-00 [ICS,6]; C09K0003-30 [ICS,6]; C11D0017-08 [ICS,6]; H05K0003-26 [ICS,6]; C11D0007-50 [ICS,6]; C11D0007-26 [ICS,6]; C11D0007-32 [ICS,6]; C11D0007-24 [ICS,6]
	IPCR	C09D0009-00 [I,A]; C09D0009-00 [I,C*]; C09J0005-00 [I,A]; C09J0005-00 [I,C*]; C09K0003-30 [I,A]; C09K0003-30 [I,C*]; C11D0007-50 [I,A]; C11D0007-50 [I,C*]; C11D0017-08 [I,A]; C11D0017-08 [I,C*]; H05K0003-26 [I,A]; H05K0003-26 [I,C*]

OS MARPAT 130:83241
 AB The compns. contain O-containing solvents and/or hydrocarbon solvents having
 solubility parameter (SP) 7.0-13.0 and b.p. 40-300° and are filled in
 aerosol cans with propellants. Thus, 75 parts Et α-
 ethoxyisobutyrate (SP 8.7) and 25 parts LPG were filled in an aerosol can
 and sprayed on stained Al sheets, showing excellent cleaning power.
 ST ethoxyisobutyrate cleaning solvent aerosol spray
 IT Adhesives
 Cleaning solvents
 Fluxes
 Inks
 Pastes
 (aerosol-sprayable cleaning solvents for removal of inks, pastes,
 fluxes, oils, and adhesives)
 IT Alkanes, uses
 Cycloalkanes
 RL: TEM (Technical or engineered material use); USES (Uses)
 (aerosol-sprayable cleaning solvents for removal of inks, pastes,
 fluxes, oils, and adhesives)
 IT Sprays
 (aerosols; aerosol-sprayable cleaning solvents for removal of inks,
 pastes, fluxes, oils, and adhesives)
 IT Detergents
 (degreasing compns.; aerosol-sprayable cleaning solvents for removal of
 inks, pastes, fluxes, oils, and adhesives)
 IT 68-12-2, Dimethylformamide, uses 80-55-7, Ethyl α-

hydroxyisobutyrate 91-17-8, Decahydronaphthalene 96-48-0,
 γ -Butyrolactone 97-64-3, Ethyl lactate 97-95-0 98-86-2,
Acetophenone, uses 100-51-6, Benzyl alcohol, uses 101-84-8, Diphenyl
ether 103-09-3, 2-Ethylhexyl acetate 103-50-4, Dibenzyl ether
103-73-1, Ethyl phenyl ether 104-76-7 105-45-3, Methyl acetoacetate
105-68-0, Isoamyl propionate 106-35-4, Ethyl butyl ketone 106-65-0
108-11-2, 4-Methyl-2-pentanol 108-83-8, Diisobutyl ketone 108-94-1,
Cyclohexanone, uses 110-43-0, Methyl amyl ketone 110-82-7,
Cyclohexane, uses 111-77-3, Diethylene glycol monomethyl ether
111-84-2, Nonane 111-90-0, Diethylene glycol monoethyl ether 112-15-2,
Diethylene glycol monoethyl ether acetate 112-34-5, Diethylene glycol
monobutyl ether 112-40-3, Dodecane 119-64-2, Tetralin 120-92-3,
Cyclopentanone 123-19-3, Dipropyl ketone 123-42-2, Diacetone
alcohol 123-86-4, Butyl acetate 123-92-2, Isoamyl acetate 124-17-4,
Diethylene glycol monobutyl ether acetate 124-18-5, Decane 127-19-5,
Dimethylacetamide 138-22-7, Butyl lactate 138-86-3, Limonene
140-11-4, Benzyl acetate 141-97-9, Ethyl acetoacetate
287-92-3, Cyclopentane 291-64-5, Cycloheptane 544-01-4, Diisoamyl
ether 547-64-8, Methyl lactate 590-01-2, Butyl propionate 623-84-7,
Propylene glycol diacetate 627-93-0, Dimethyl adipate 628-63-7, Amyl
acetate 628-68-2, Diethylene glycol diacetate 629-38-9, Diethylene
glycol monomethyl ether acetate 629-50-5, Tridecane 763-69-9, Ethyl
3-ethoxypropionate 872-50-4, N-Methylpyrrolidone, uses 1119-40-0,
Dimethyl glutarate 1120-21-4, Undecane 1126-79-0, Butyl phenyl ether
1320-67-8, Propylene glycol monomethyl ether 1331-12-0, Propylene glycol
monoacetate 1331-22-2, Methylcyclohexanone 2093-20-1, Diethylene
glycol monoacetate 2110-78-3, Methyl α -hydroxyisobutyrate
3452-97-9, 3,5,5-Trimethylhexanol 3852-09-3, Methyl 3-methoxypropionate
3852-11-7, Methyl β -methoxyisobutyrate 7778-85-0, Propylene glycol
dimethyl ether 10500-17-1, Ethyl β -methoxyisobutyrate 17860-39-8,
Methyl α -methoxyisobutyrate 17860-41-2, Methyl
 α -ethoxyisobutyrate 19758-19-1, Ethyl β -ethoxyisobutyrate
21127-99-1, Ethyl α -methoxyisobutyrate 25917-35-5, Hexanol
28473-21-4, Nonanol 28777-88-0, Dimethyldecalin 29063-28-3, Octanol
29387-86-8, Propylene glycol monobutyl ether 30025-38-8, Dipropylene
glycol monoethyl ether 30136-13-1, Propylene glycol monopropyl ether
30498-63-6, Trimethylcyclohexane 30899-19-5, Pentanol 31807-55-3,
Isododecane 34464-38-5, Isodecane 34464-40-9, Isononane 34464-43-2,
Isoundecane 34590-94-8, Dipropylene glycol monomethyl ether
35884-42-5, Dipropylene glycol monobutyl ether 52125-53-8, Propylene
glycol monoethyl ether 52738-28-0, Dipropylene glycol diacetate
53535-33-4, Heptanol 54286-90-7, Methyl β -ethoxyisobutyrate
56539-66-3, 3-Methoxy-3-methylbutanol 84540-57-8, Propylene
glycol monomethyl ether acetate 88917-22-0, Dipropylene glycol
monomethyl ether acetate 98516-30-4, Propylene glycol monoethyl ether
acetate 103429-90-9, 3-Methoxy-3-methylbutyl acetate 111109-77-4,
Dipropylene glycol dimethyl ether 127303-87-1, Dipropylene glycol
monopropyl ether 130005-12-8 142309-22-6 148627-07-0, Propylene
glycol butyl ether acetate 151598-88-8, Ethyl α -ethoxyisobutyrate
218787-50-9

RL: TEM (Technical or engineered material use); USES (Uses)
(aerosol-sprayable cleaning solvents for removal of inks, pastes,
fluxes, oils, and adhesives)

=>

L10 ANSWER 3 OF 4 CA COPYRIGHT 2006 ACS on STN

AN 127:207323 CA

ED Entered STN: 07 Oct 1997

TI Nonpolluting, nontoxic cleaning compositions for inks and pastes

IN Sugama, Naoki; Endo, Masashi; Takayanagi, Yasuyuki

PA Nitto Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C11D007-26

ICS C09D009-04; C11D007-50; C11D017-08

CC 46-6 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09194888	A2	19970729	JP 1996-304149	19961031
	JP 2005120389	A2	20050512	JP 2005-26221	20050202
PRAI	JP 1995-318476	A	19951114		
	JP 1996-304149	A3	19961031		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	JP 09194888	ICM	C11D007-26
		ICS	C09D009-04; C11D007-50; C11D017-08
		IPCI	C11D0007-26 [ICM,6]; C09D0009-04 [ICS,6]; C11D0007-50 [ICS,6]; C11D0017-08 [ICS,6]
	JP 2005120389	IPCI	C09D0011-00 [ICM,7]; C09D0009-00 [ICS,7]
		IPCR	C09D0009-00 [I,A]; C09D0009-00 [I,C*]; C09D0011-00 [I,A]; C09D0011-00 [I,C*]
		FTERM	4J038/RA02; 4J038/RA04; 4J038/RA17; 4J039/BC03; 4J039/BC07; 4J039/BC12; 4J039/BC20; 4J039/BC22; 4J039/BC24; 4J039/BC32; 4J039/EA06; 4J039/EA45; 4J039/GA02; 4J039/GA03; 4J039/GA04; 4J039/GA09; 4J039/GA17; 4J039/GA21

OS MARPAT 127:207323

AB The title compns. contain ester(s) chosen from acetoacetic acid esters and glycol diesters.

ST ink cleaner acetoacetate glycol ester; paste cleaner acetoacetate glycol ester

IT Detergents

Inks

Pastes

(nonpolluting, nontoxic cleaning compns. for inks and pastes)

IT 67-68-5, Dimethyl sulfoxide, uses 68-12-2, DMF, uses 93-58-3, Methyl benzoate 96-48-0, γ -Butyrolactone 97-64-3, Ethyl lactate 98-86-2, Acetophenone, uses 100-66-3, Anisol, uses 103-09-3, 2-Ethylhexyl acetate 103-50-4, Dibenzyl ether 104-76-7, 2-Ethyl-1-hexanol 105-45-3, Methyl acetoacetate 106-65-0, Dimethyl succinate 108-32-7, Propylene carbonate 108-93-0, Cyclohexanol, uses 108-94-1, Cyclohexanone, uses 109-99-9, THF, uses 110-12-3, Methyl isoamyl ketone 110-82-7, Cyclohexane, uses 111-55-7, Ethylene glycol diacetate 112-36-7, Diethylene glycol diethyl ether 112-40-3, Dodecane 119-64-2, Tetralin 123-42-2, Diacetone alcohol 123-86-4, Butyl acetate 126-33-0, Sulfolane 127-19-5, N,N-Dimethylacetamide 138-86-3, Limonene 140-11-4, Benzyl acetate 141-97-9, Ethyl acetoacetate 142-96-1, Dibutyl ether 542-08-5, Isopropyl acetoacetate 590-01-2, Butyl propionate 591-60-6, Butyl acetoacetate 623-84-7, Propylene glycol diacetate 627-93-0, Dimethyl adipate 872-50-4, N-Methylpyrrolidone, uses 1330-20-7, Xylene, uses 2110-78-3, Methyl α -hydroxyisobutyrate 3452-97-9, 3,5,5-Trimethyl-1-hexanol 3852-11-7, Methyl β -methoxyisobutyrate 4435-53-4, 3-Methoxybutyl acetate 5396-89-4, Benzyl acetoacetate 6079-97-6, 2-Ethylhexyl

acetoacetate 6942-59-2, Diethylene glycol dipropionate 6947-02-0,
Cyclohexyl acetoacetate 7732-18-5, Water, uses 10108-80-2, Propylene
glycol dipropionate 13562-76-0, Sec-Butyl acetoacetate 13562-84-0,
Hexyl acetoacetate 19758-19-1, Ethyl β -ethoxyisobutyrate
29387-86-8, Propylene glycol monobutyl ether 34590-94-8, Dipropylene
glycol monomethyl ether 35296-72-1, Butanol 52738-28-0, DiPropylene
glycol diacetate 56539-66-3, 3-Methyl-3-methoxybutanol
84540-57-8, Propylene glycol methyl ether acetate 87826-46-8,
Tripropylene glycol diacetate 103429-90-9, 3-Methyl-3-methoxybutyl
acetate 111109-77-4, Dipropylene glycol dimethyl ether 146472-39-1
RL: NUU (Other use, unclassified); USES (Uses)
(nonpolluting, nontoxic cleaning compns. for inks and pastes)

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L12 ANSWER 3 OF 8 CA COPYRIGHT 2006 ACS on STN
AN 138:155109 CA
ED Entered STN: 06 Mar 2003
TI Diluent for decorative polyester paint
IN Xiao, Ping
PA Peop. Rep. China
SO Faming Zhanli Shenqing Gongkai Shuomingshu, 6 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
IC ICM C09D007-12
CC 42-10 (Coatings, Inks, and Related Products)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1338493	A	20020306	CN 2001-128838	20010911
PRAI CN 2001-128838		20010911		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1338493	ICM	C09D007-12
	IPCI	C09D0007-12 [ICM,7]
	IPC	C09D0007-12 [I,A]; C09D0007-12 [I,C*]

AB The non-toxic and harmless diluent for decorative polyester paint comprises Et acetate 58-78, Bu acetate 5-10, propylene glycol Me ether acetate 10-25, diethylene glycol Bu ether acetate 5-10, modified silicone (Si-C type polyether modified silicone) 0.1-0.2, aroms. (such as coumarin) 0.1-0.3 and bactericide (such as dialkyl dimethylammonium chloride) 0.1 parts.
ST decorative polyester paint diluent compn
IT Antibacterial agents
Paints
(non-toxic and harmless diluent for decorative polyester paint)
IT Polysiloxanes, uses
RL: NUU (Other use, unclassified); USES (Uses)
(non-toxic and harmless diluent for decorative polyester paint)
IT Solvents
(paint diluent; non-toxic and harmless diluent for decorative polyester paint)
IT 91-64-5, Coumarin
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(aroms.; non-toxic and harmless diluent for decorative polyester paint)
IT 5538-94-3, Dioctyl dimethylammonium chloride 7173-51-5, Didecyl dimethylammonium chloride
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(bactericide; non-toxic and harmless diluent for decorative polyester paint)
IT 123-86-4, Butyl acetate 123-92-2, Isoamyl acetate 124-17-4, Diethylene glycol butyl ether acetate 140-11-4, Benzyl acetate 141-78-6, Ethyl acetate, biological studies 84540-57-8, Propylene glycol methyl ether acetate
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(paint diluent; non-toxic and harmless diluent for decorative polyester paint)

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L12 ANSWER 6 OF 8 CA COPYRIGHT 2006 ACS on STN
 AN 125:303898 CA
 ED Entered STN: 03 Dec 1996
 TI Detergents containing aliphatic hydrocarbons for removal of grease
 IN Endo, Masashi; Sugama, Naoki; Takayanagi, Yasuyuki
 PA Nitto Chemical Industry Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C11D007-24
 ICS B08B003-08; C11D007-26; C11D007-32; C11D007-50; C23G005-024;
 C23G005-032; C23G005-036
 CC 46-6 (Surface Active Agents and Detergents)
 Section cross-reference(s): 43, 51
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08231988	A2	19960910	JP 1995-61545	19950227
PRAI JP 1995-61545		19950227		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 08231988	ICM	C11D007-24
	ICS	B08B003-08; C11D007-26; C11D007-32; C11D007-50; C23G005-024; C23G005-032; C23G005-036
	IPCI	C11D0007-24 [ICM,6]; B08B0003-08 [ICS,6]; C11D0007-26 [ICS,6]; C11D0007-32 [ICS,6]; C11D0007-50 [ICS,6]; C23G0005-024 [ICS,6]; C23G0005-032 [ICS,6]; C23G0005-036 [ICS,6]

AB Title detergents, useful for removing grease from metal surface of machines, etc., contain ≥1 aliphatic hydrocarbon selected from linear paraffins, isoparaffins, olefins, and naphthenes having b.p. 20-300°. Thus, a grease-coated bearing was impregnated with octane and subjected to ultrasonic treatment resulting in 100% removal of the grease.
 ST detergent aliph hydrocarbon removal grease; linear paraffin detergent removal grease; isoparaffin detergent removal grease; olefin detergent removal grease; naphthene detergent removal grease; octene detergent removal grease bearing
 IT Detergents
 (detergents containing aliphatic hydrocarbons for removal of grease)
 IT Alkanes, uses
 Alkenes, uses
 Naphthenes
 RL: TEM (Technical or engineered material use); USES (Uses)
 (detergents containing aliphatic hydrocarbons for removal of grease)
 IT Lubricating greases
 (for detergents containing aliphatic hydrocarbons for removal of grease)
 IT Alkanes, uses
 RL: TEM (Technical or engineered material use); USES (Uses)
 (iso-, detergents containing aliphatic hydrocarbons for removal of grease)
 IT 57-55-6, Propylene glycol, uses 64-17-5, Ethanol, uses 67-56-1,
 Methanol, uses 67-63-0, Isopropanol, uses 68-12-2, DMF, uses
 71-36-3, Butanol, uses 78-59-1, Isophorone 79-20-9, Methyl acetate
 79-29-8, 2,3-Dimethylbutane 80-55-7, Ethyl α-hydroxyisobutyrate
 97-64-3, Ethyl lactate 98-86-2, Acetophenone, uses 100-51-6, Benzyl
 alcohol, uses 103-09-3, 2-Ethylhexyl acetate 103-50-4, Dibenzyl ether
 104-76-7, 2-Ethyl-1-hexanol 108-10-1, Methyl isobutyl ketone 108-11-2,
 Methylisobutyl carbinol 108-87-2, Methylcyclohexane 108-88-3, Toluene,
 uses 108-93-0, Cyclohexanol, uses 108-94-1, Cyclohexanone, uses
 111-65-9, Octane, uses 111-66-0, 1-Octene 111-70-6, 1-Heptanol
 111-87-5, 1-Octanol, uses 119-64-2, Tetralin 123-51-3 123-86-4,
 Butyl acetate 123-92-2, Isoamyl acetate 124-18-5, Decane 127-19-5,

Dimethylacetamide 138-22-7, Butyl lactate 138-86-3, Dipentene
140-11-4, Benzyl acetate 141-78-6, Ethyl acetate, uses
143-08-8, Nonanol 547-64-8, Methyl lactate 622-45-7, Cyclohexyl
acetate 628-63-7, Amyl acetate 629-50-5, Tridecane 763-69-9, Ethyl
 β -ethoxypropionate 872-50-4, N-Methylpyrrolidone, uses 1330-20-7,
Xylene, uses 1839-63-0, 1,3,5-Trimethylcyclohexane 2110-78-3, Methyl
 α -hydroxyisobutyrate 2517-43-3, 3-Methoxybutanol 3452-97-9,
3,5,5-Trimethyl-1-hexanol 3852-09-3, Methyl β -methoxypropionate
3852-11-7, Methyl β -methoxyisobutyrate 4435-53-4, 3-Methoxybutyl
acetate 10500-17-1, Ethyl β -methoxyisobutyrate 13151-34-3,
3-Methyldecane 17860-39-8 17860-41-2 19758-19-1, Ethyl
 β -ethoxyisobutyrate 21127-99-1, Ethyl α -methoxyisobutyrate
54286-90-7, Methyl β -ethoxyisobutyrate 56539-66-3,
3-Methyl-3-methoxybutanol 84540-57-8, Propylene glycol
monomethyl ether acetate 103429-90-9, 3-Methyl-3-methoxybutyl acetate
151598-88-8

RL: TEM (Technical or engineered material use); USES (Uses)
(detergents containing aliphatic hydrocarbons for removal of grease)

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